

Field Trip No. 14. [C1702] 26/11 - 15/12/1945.

Western N.S.W. & Victoria, South-eastern South  
Australia. [Plant specimens determined by Nancy Barbridge].

A. Crucata

26/4/45. 66288. Grassland. Brachynema, Prasibulus (2)

A. vulgaris (2)

*A. cruciata*, *A. pusilla* (n) (?)

Shiast. Phacel. Boerh. Prasibulus. 302. Rais long

A. frater

*A. vulgaris* (n)

cleared. Crypto. 311. Well in depression. Crocus <sup>11. v. g. (C.)</sup>

Beachy. Pond. 317. Bino-long 318. Nell Blcke. in

Phaulacridium

*Nautilosordium*  
depression, 328. Moll. Bede canal in depression.

*A. cruciata*, *A. vulgaris* (?) (n)

Proc. of Exptl. Botany, 337. Murrumbidgee 340. Bull

*A. vulgaris* (n), *A. pusilla* (n)

*Chortoicetes*,

344. Cruciate Chert. 344. Well Blasted

*Brachypogon*

A. <sup>interioris</sup> ~~parvula~~

Crucata 350. Blake. Chok. 361 Costanza d.a.

*A. frater*

*Calceolaria* on hill of Chot., Cmca. 369, Cunfegong  
A. C. 1914

*A. cruciata*

Creek, Mill. Bl. Ke. Chob. 373. Sideroscyllon

*Azilota* sp., *Brachycama*, *Prasichulus duplex*

facton. Cuc. bahu. Small shrubs. 377. Belknap Co.

rather abruptly (about here) 379. Locustacinae Cru.

*Pycnostictus* sp. (n), *Brachyscama*,

Brachy 385. Illabo 386. Clashed from above Li. Callik

*Agrostoides vulgaris* (n)

*A. cruciata*, *Phaulacridium vittatum*, *Austroicetes*

Cruce. Chot. 392. <sup>ulgaris(n)</sup> Clasper from althens. 396. June 11.

A. cruciata

*Brachylacma*

Marrar. 415. Clipped from melt (?) - Enc. 423 Colours

A. frater, A. ~~pavetta~~ inferiori

425. *C. glauca* & *Woods*, partly cleared. Cou. c.

66433.

~~A. pusilla~~

*Austroicetes interioris*, *Brachysarna*,  
Gannam. 445. Cleared from null.

*C. glauca*, cruc. 445. Partly cleared from null.

Wool, luteo, *Brachysarna*, *A. cruciata*, *Chortocetes*, ~~*A. pusilla*~~, *Elephantus* (n),

<sup>Genus nov. 10(?)</sup> "*Brachytona*", *A. cruciata*, *Chortocetes*, ~~*A. pusilla*~~, *Elephantus* (n),  
Occurrence of new genus. May be new to the local.

*Austroicetes interioris*

which is now extremely flat. 452. Myall in  
sun. brown soil. cruc. 452. *A. cruciata*, *Brachysarna*, *A. cruciata*, *Chortocetes*, *Elephantus* (n),

sp. 463. *Narrandera*.

<sup>same</sup> *A. cruciata*

28/11/45 463. *Narrandera*. cruc. 463. *A. cruciata*, *Brachysarna*, *A. cruciata*, *Chortocetes*, *Elephantus* (n),

mainly, *Brachysarna*, *A. cruciata*, *Chortocetes*, *Elephantus* (n),

vicinity of road light, patches of the brighter

light of intersections, and some *Brachysarna*

once more. The road immediately beneath

the lights. These floors had apparently drifted

in the previous night. It was hot, & then

attracted to the light. 469. Partly cleared from

*A. cruciata*, *A. pusilla*, "*Brachytona*" (Genus nov. 10(?))

canald. heavy soil, sun in place. 472. *Brachysarna*.

~~*A. pusilla*~~ *Austroicetes interioris*

480. Popul. *C. glauca* on *Unimphala* *Brachysarna*. cruc.

*A. cruciata*, "*Brachytona*" (Genus nov. 10?)

482. Lector. 482. Cleared from pop. *Brachysarna*.

*A. cruciata*, "*Brachytona*" (Genus nov. 10?)

Cooking <sup>Tapesta</sup> 496. Cleared from pop. 497. *Whitton*

Genus nov. 7(?)

506. *Brachysarna*. cruc. 513. *Brachysarna*. cruc. 517. *Brachysarna*. cruc.

*A. cruciata*, "*Brachytona*" (10?)

*A. cruciata*, "*Brachytona*" (Genus nov. 10?)

528. *Brachysarna*. 539. *Brachysarna* ridge in *Brachysarna*. up to

here there has been a *Brachysarna* in *Brachysarna*.

cruc. & in size, & degree of frequency & intensity  
of yellow in males. Yet populations here would  
certainly not be called swarming 66552. Margin  
of large sea is - originally *C. glauca* - Hakea (?). Cruc.  
in densities a little below "loose swarm". This is

clearly the same as *G. glauca* in this climate.  
*A. cruciata*, *Perilytrana rana* (n), "*Brachytrana*", Gen. nov. 7(?)  
584. Mod. am. brown soil. Grassland. Cruc. not so  
numerous. 595. *A. cruciata*, *Perilytrana rana* (n), *Chortocetes*  
*terminifera*

Cruc. 588. Hay.  
29/11. 589. Hay. 592 *A. cruciata*, *Perilytrana rana* (n) 601 *Perilytrana rana*.  
Grassland with  
creeper & some other shrubby spp. of *Abutilon* very  
numerous. Cruc. 612 *A. cruciata*, *Perilytrana rana* (n)  
Abundant in soil. 50% bushes, almost all dead.  
Few *Myrica* among old & new saltmarsh.

Cruc. in frequency. 619. Maude - Gully fork. 623 Maude  
Cruc. *Perilytrana* (n). Bicolor. 627. Maude - Gully fork.  
Annual salt bushes & *Cochlos*. *Vittraria* (?) hummocks.  
Cruc. *Perilytrana* (n). Tetragonid on "Vittraria". 637.  
Sparse saltmarsh & *Vittraria*. Cruc. *Perilytrana* (n).

Since hay, in *A. cruciata* has been less numerous.  
males have been sun & less yellow. 646. Old  
*Perilytrana rana*  
in an old saltmarsh. Pale grey. mod. am. soil. Cruc. (rare).

Chortoicetes (2)

66651. Oxley. 654. *Tridachna humilis* s.s. on extensive  
sandy area (No *Chia* seen?) Cruc. rare. 666 *Kochia*  
*A. cruciata*, *A. arida*  
*pyramidalis*. 676. *Commersonia*? No grasses.  
*Monarda* *Scilla* s.s. on soil. Cruc. 686. Mallee,  
*A. frater*, *Monarda guttulosa*  
some *Tridachna*. Cruc. on open flat. 689. Edge of  
lake. Chort. 699. *Monarda* s.s. on flat. 709.  
*Balanus* s.s.

30/11. 710. *Balanus* s.s. 711. *Tridachna* s.s. from  
*monarda*  
*monarda* s.s. Cruc. 738. *Scilla* *Scilla*  
*A. cruciata*  
fork. 733. *Bicolor* in strongly s.s. *Scilla* with  
scattered *A. humilis* + *K. pyramidalis*. Chort.

745. Bon *Tridachna* s.s. *Monarda* s.s. looking  
for turn off. Left turn off at 746. 763. *Monarda*  
*A. arida*, *A. cruciata*,  
Sta. 769. *Monarda* s.s. *Scilla* s.s. *K. pyram.* on  
*A. frater*, *Monarda* spp. (2),  
sandy brown soil. Chort. 775. *Monarda* s.s. large  
*Azelota* sp.

dense *Tridachna* *Tridachna*. Azelota <sup>sp.</sup> in *Tridachna*. 798.  
*Chortoicetes*, *A. cruciata*, *A. arida*  
*Cas.* - *Hetero.* *Typsa* - strong flies. 801. *Turley*. 813.  
*Monarda guttulosa*.  
Open mallee. 830. Very small mallee (ca. left.)  
with dense *Tridachna*. Very sandy. Sample from M.  
*Monarda* s.s. 880. *Scilla* s.s.

2/12 Mildura to Renmark via east. bridge / return  
via Murray Valley Highway. 903. Mildura, 903.

*A. cruciata*

- Hard sandy rise cleared from pine, Myoporum(?), Cas.,  
small Hakea. Surface eroded. Chs. 66924. No. 1000th.  
~~2 spp.~~ 2 new brachypterous genera, very small (Genus nov. 5?, Genus  
9th. Succulent shrublet (1ft) (sample). Muscibacanthus  
nov. 6?) [*Pachycornia* <sup>triana</sup>]  
+ *Haplex* *spongiosa* on pale slightly, silt  
loam. 940. Pine with *K. pyramidata* on slopes  
*Urtica guttulosa*, *A. frater*, *Tapesta*  
growing through pine to below. Very sandy. *Bassia*,  
[*K. pyramidata*?]  
*Delichonum*, *Stipa* etc. 973. Specimens *K. pyramidata*  
✓ *Pachycornia*.  
975b. *Salsola* + *A. spongiosa* on heavy soil. No.  
[*K. sedifolia*] (specimen)  
Deschids. 975. *K. pyramidata* + *K. sedifolia* on  
sandy soil. *A. spongiosa*, fine ant. Grass. Only  
very few very pho - possibly Chd. 989 Enter S.A.  
995. Bicolor, Canal. *Acacia*  
*stenophylla*. Flowers  
common on pale silt loam. No Acrid. 67014.  
*Urtica guttulosa* (2)  
Sandhill with small Hakea + *Acacia*,  
very small *Rochus*, annual *Haplex*  
+ *Bassia*. 024. Remark. 042. Open mallee.  
*A. frater*, *A. arida*, *A. cruciata*  
Sample. *frater* not so closely confined to  
neighbourhood of trees as in other areas.  
7115. Mildura. [*Cruciata*, 10, 12, seen at  
Mildura Research Station, collected at Mildura  
by J. Miskin].  
4/12. 7136. Mildura. 149. Cleared from mallee, below.





Field Trip No. 14 (ctd.)

67260.

*A. frater*

*A. frater*

*A. frater*

*A. cruciata*, *A. pusilla*, *A. frater* [*E. leucocapton*]

*A. frater*

*Chorticeles*, *A. pusilla*

*A. frater*

*A. cruciata*

*A. vulgaris* ✓

[*Eucalyptus incrassata* var. *costata*]

*Apotropis* sp.  
 Sm. aff. *hirs*, some of smaller form. of two subs. (sp.  
 Numerous. *hirs* of ~~the~~ largest small plants.  
*Goniaca* sp., *Platesia* sp., *A. pates*, *Unica*

*Staphylinidae* 435. *Exochus* sp. (some inhabit)  
but partly burnt over. *Proctos* sp. (some inhabit)  
*Coryphistes* sp., *Aspilota* sp., *Uroidea*



*Urnisa* sp.

as before. but taller & denser. Few orophytes, taller  
species of *Lanth.*, *bracken*. 67492. *Camal.* sp. *Apotropis* sp., *Bracken*

*Urnisa* sp., *Phaulacridium vittatum*

Pasture, dense, *bracken* towards D.F. to left. 477.

*A. cruciata*, *Brachysarna* <sup>very open</sup>

Completely cleared ground *Camal.* sp., *Bracken* sp. to  
right is apparently grassland on the S. of the town top.

At this side base patches of *Bracken* are at the  
of rocks removal of top soil. Species collected were

*A. vulgaris* (n)

found here. 502. Prob. still very open *Camal.* sp., plus

one. ~~what appears to be~~ *Perlocia*, *Brachysarna*, *Phaulacridium vittatum*

(only one seen). 506. Thin pasture with much

hoar, having a long road. Phaul. sp. 509 Naracoorte.

[The bicolor-leucoscyon - E.? Assn. seems to be a  
climatic climax linking up with the E. bicolor  
Assn. in the Narandarra area. Apart from intrusions  
to of poor soils bearing D.F., this assn. is bounded  
to the south by the E. *Camaldulensis* assn., here in  
S.A., & also (see previous Victorian trip) in Victoria.

Both here & in Victoria, the E. *Camaldulensis* assn.  
gives way to grassland when the country flattens  
further, or on basaltic soil (Vic.) It is interesting  
to note that this order, bicolor giving way to  
*Camaldulensis*, in a climatic climax as moisture  
increases, is also the order of zonation towards a  
river in drier areas. The assn. on the consolidated



[*E. obliqua* var. *nigrescens* (pa)]

67570.

*Perloccia* in *fl.*

654. *Thunbergia* <sup>*incubata* (R)</sup>  
*Ulmia* sp., *Apotropis* sp., *Moraba* ~~sp.~~ *Idama* (n).

~~*A. linearis* (n)~~ *Parduna* *nana* (n)  
~~*Propaganda* sp. (n) (R)~~

654-5

*A. vulgaris*, *Brachycaena*.

*A. vulgaris*

[*E. minoralis*]

*A. vulgaris* (n).

*A. vulgaris*

medium tall *Acacia* shrubs. *Pea* bushes. No *Acacia*.

792. Halls Gap. 797. *Def* *Leucosydon* *meliodora* (?) *microcarpa*.

Tamby. 806. *Leucosydon* *meliodora* (?) *microcarpa*.

on wet hard soil. 810. Stawell. [The road through

the Grampians at first travels in a very

broad valley between the line of *Cucuta*'s

forming the *Cucuta* range, & the mass of

mountains to the west. At <sup>7768</sup> ~~773~~ it crosses

the *Cucuta* range, at the summit of which

were found the *stony* & *Calbris*, the latter a

shrub fruiting at ca. 2 ft. less than a mile

further on was found the broad-leaved *encalypta*

of *valley* form, on a north-facing slope. It is

then seen that a second range of more subdued

*Cucuta* form lies immediately to east of the

first. The road runs between these two for

the remainder of the distance to Halls Gap, the

rainfall steadily increasing to that point,

which is located at the head of the valley,

where the two ranges meet. About the second

half of the way to Stawell from Halls Gap

carries a community of *Leucosydon* - *meliodora*.

11/12. 811. Stawell. 812. *Sideroxylon* *meliodora* *microcarpa*.

*A. vulgaris*, *Phacelia* *tridivisa* *nanum* (n).

*A. cruciata*, *A. pusilla*, "Brachypona" (10?)

817. *Leucosydon* *microcarpa*.



*A. cruciata*, *A. vulgaris*,  
*A. pusilla*, "*Brachytona*",  
*Phaulacridium vittatum* (2)  
*A. cruciata*,  
*A. vulgaris*,

Open pasture. *Cleome runcinaria*. 822. *Leucaena*. *Melilotus*  
*A. frater*  
827. *Vulgaris*, *pusilla*, *Microcarpa* sp. 832. *Microcarpa*,  
"*Brachytona*" (*Genus nov. 10?*) "*Brachytona*", *A. frater*, *A. cruciata*  
*Melilotus*. 835. *Navarre*. 837. *Microcarpa*, *Leucoscyphus*  
*occ. elaeophora* (?) (*specimen*). *frater* now common,  
*vulg.* not seen. *Pusilla*. 842. *Microcarpa* 750 ft.  
Under *Ceanothus* along creek. 847. *Microcarpa*  
*Melilotus*; *Ceanothus* along creek. *Pusilla*, *Vulgaris*  
In open grass under *Ceanothus*. 855. *Ceanothus* 850 ft.  
*A. vulgaris*  
from small creek. "*Brachytona*". 860. 31. *Ronard*,  
*A. cruciata*, *A. vulgaris*  
863. *Melilotus* in depression. "*Brachytona*". 869. *Microcarpa*,  
*A. cruciata*  
*Leucoscyphus*, *Melilotus*. *Brachytona*, *pusilla*. 875.  
*Microcarpa*; also *Ceanothus* in creek. *Genus*  
*Brachytona*. 881. *Ceanothus*. *Microcarpa* & *bicolor* in  
*A. cruciata*  
depression with green grass. (First appearance of  
*bicolor*) Not sm. 886. *Chapton*. [From about 817 to 881  
*Microcarpa* is the chief dominant. Associated with  
*Leucoscyphus* & *Melilotus*. The *Leucoscyphus*-*Melilotus*  
community noted before Starvick is probably a type  
of this. From 881 we are apparently on a more in  
the *bicolor*-*Leucoscyphus* community noted further  
west, but there are also stretches of what  
appears to be grass land between the two areas.]  
12/12. 886. *Chapton*. 896. *Microcarpa*, *Cruciata*. 907. *Melilotus*  
*frater*. 918. Very open *Melilotus* on slightly more brown

soil, Green patch. 946. Boob. 946. Bicolor. Bullock. Mycoporum. Croc. frater. 957. Bicolor, occ.  
Mycoporum, in depression. frater. 947. Apparently  
originally grassland on po soil. Now mainly  
annual salt bushes, Cassia, compositae & barley grass.  
No Acridids. 949. Kerang. 957. Grassland with widely  
scattered Bicolor. No Acridids. 966. Busham. 976.

Bicolor, Mycoporum, Croc. frater. 988. Grassland

A. cruciata

Now occupied mainly by annual salt bushes &  
compositae. Cruciata more numerous than  
anywhere here in Vic. frater larger, more yellow.  
998. Bullock area. 48. Annual salt bushes,  
compositae, grasses, patches Kochia sp. near  
microphylla. Cruciata numerous - more yellow.

68006. First small seen. 8008. A. cruciata Grassland with  
extensive patches legumin & Cassia Birchia. Croc.  
numerous. Annual salt bushes, compositae. 021.

Dimilignin.

13/12. 022. Dimilignin. 034. Grassland. Croc. numerous  
054. Bicolor. Croc. numerous. 076. Grassland. Croc.  
numerous. Chart (w). 078. Grillierie. 097. Sandy rise.

Pyrostictus seriatus

C. glauca, Bullock, he he, Croc. 8106. frater under  
mallee on rise. 113. Urena 116. Melioides &

A. cruciata

C. glauca on rise. 137. Melaleuca, C. glauca, Croc.

143.

Pachystachya

A. pusilla

A. pusilla, Phaulacridium vittatum,

157.

Huscolliana

Que.

177.

Cangal + melleodora along

Praxipylus ~~lanceolatus~~~~lanceolatus~~ + ~~lanceolatus~~ (R) duplex

depression.

PasaliaConeProchyparura

199. melleodora

in depression. Green thistle + dry grass. No R. or D.